

Terminal block, 1 pole, 125A, 6 output terminals



Part no. BPZ-KB-6/125
102714
EL Number 2459290
(Norway)

General specifications	
Product name	Eaton xEnergy Basic LV systems Low voltage switchgear
Part no.	BPZ-KB-6/125
EAN	4015081025749
Product Length/Depth	46.3 millimetre
Product height	73.8 millimetre
Product width	27 millimetre
Product weight	0.142 kilogram
Compliances	RoHS conform
Certifications	UL 1059 IEC 60 947 -7 -1
Product Tradename	xEnergy Basic
Product Type	LV systems
Product Sub Type	Low voltage switchgear
Delivery program	
Amperage rating	125 A
Number of poles	Single-pole
Technical Data - Electrical	
Voltage rating at AC Cu (CSA) - max	600 V AC
Voltage rating at AC Cu (IEC) - max	1000 V AC
Voltage rating at AC Cu (UL) - max	600 V AC
Voltage rating at DC Cu (IEC) - max	1500 V DC
Rated peak withstand current	30 kA
Rated operation current (Ie) Cu (CSA)	115 A
Rated operation current (Ie) Cu (IEC)	125 A
Rated operation current (Ie) Cu (UL)	115 A
Rated short-time withstand current (Icw)	4.2 kA
Technical Data - Mechanical	
Mounting method	Floor standing distribution board Surface mounting Flush mounting
Mounting position	Universal
Degree of protection	IP20
Number of clamp positions per pole	7
Number of clamping units per pole	7
Terminal capacity (single/multi-wire)	8 - 2 AWG (incoming, fine wire (with sleeve)) 6 mm ² - 16 mm ² (incoming) 2.5 mm ² - 16 mm ² (outgoing) 2.5 mm ² - 16 mm ² (outgoing, fine wire (with sleeve)) 6 mm ² - 16 mm ² (incoming, fine wire (with sleeve)) 14 - 6 AWG (incoming, fine wire (with sleeve)) 10 mm ² - 35 mm ² (incoming) 14 - 6 AWG (outgoing) 10 mm ² - 35 mm ² (incoming, fine wire (with sleeve)) 14 - 6 AWG (incoming) 14 - 6 AWG (outgoing, fine wire (with sleeve)) 8 - 2 AWG (incoming)
Conductor cross section (solid, solid-strand) - min	2.5 mm ²
Conductor cross section (solid, solid-strand) - max	35 mm ²
Clamp material	Plain Brass
Torque rating	3.5 Nm - 5 Nm / 31 lbf - 44 lbf (incoming). 2 Nm - 3 Nm / 17.7 lbf - 26.5 lbf (outgoing)
Housing color	Light gray (RAL 7035)
Housing material	PA66

Design verification as per IEC/EN 61439 - technical data		
Heat deflection temperature		100 °C
Additional information		
Comparative tracking index (CTI)		600 V
Flame classification (UL 94)		V-0
Functions		Additional equipment
Special features		Clicks on DIN-rail or on base plate. Save time on wiring. Save 80% on space used. Modular construction, 1-4 pole Systems can be built with several blocks. Material, hexagon socket set screw: Steel Zinc plated (Hexagon socket set screw, Surface finish)

Technical data ETIM 9.0

Energy distribution systems (EG000015) / Distributor assembly terminal blocks (EC001894)		
Electric engineering, automation, process control engineering / Electrical insulation and connecting material / Energy distribution system / Distributor assembly terminal blocks (ecI@ss13-27-40-06-09 [ACO381016])		
Height	mm	73.8
Width	mm	27
Depth	mm	46.3
Max. rated current	A	125
Number of poles		1
Conductor cross section flexible (fine-strand) with cable end sleeve	mm ²	2.5 - 35
Conductor cross section solid (solid, stranded)	mm ²	2.5 - 35
Number of clamp positions per pole		7
With PE-rail		No
With N-rail		No